

"CLEAN COPIES" of amended claims:

Sub B¹ 5
A1
1. (Once Amended) A voltage level translator for operating an operational amplifier integrated circuit designed for operation with a single ended power supply, to operate with a split level power supply having a center tapped ground, comprising:

first means for connecting a first polarity power supply terminal of the operational amplifier integrated circuit to a first polarity of the power supply,

10 second means for connecting a second polarity power supply terminal of the operational amplifier integrated circuit to a second polarity of the split level power supply,

means for connecting a signal input terminal of the operational amplifier to a center tapped ground of the split level power supply and:

15 wherein another signal input terminal of the operational amplifier is coupled to a signal source referenced to ground without any DC isolation capacitors connected in series with the amplifier and the output terminal of the operational amplifier is coupled to a signal load referenced to ground without any DC isolation capacitors connected in series with the amplifier.

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2. Canceled.

A2 Sub C¹
3. (Once Amended) The voltage level translator of claim 1 wherein the signal load is a loudspeaker having one terminal referenced to ground.

Sub B²
A3
6. (Once Amended) A voltage level translator for operating an operational amplifier integrated circuit designed for operation with a single ended power supply, to operate with a split level power supply having a center tapped ground, comprising:

30 first means for connecting a first polarity power supply terminal of the operational amplifier integrated circuit to a first polarity of the power supply,

second means for connecting a second polarity power supply terminal of the operational amplifier integrated circuit to a second polarity of the split level power supply, and

*Concluded
A3*

means for connecting a signal input terminal of the operational amplifier to a center tapped ground of the split level power supply.

wherein the split level power supply having a center tapped ground also provides power to other circuits performing other functions and:

5 wherein the amplifier includes an output load comprising an earphone and the other circuits performing other functions is a DVD player. 1.

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"CLEAN COPIES" of all active claims:

5 1. (Once Amended) A voltage level translator for operating an operational amplifier integrated circuit designed for operation with a single ended power supply, to operate with a split level power supply having a center tapped ground, comprising:

first means for connecting a first polarity power supply terminal of the operational amplifier integrated circuit to a first polarity of the power supply,

10 second means for connecting a second polarity power supply terminal of the operational amplifier integrated circuit to a second polarity of the split level power supply,

means for connecting a signal input terminal of the operational amplifier to a center tapped ground of the split level power supply and:

15 wherein another signal input terminal of the operational amplifier is coupled to a signal source referenced to ground without any DC isolation capacitors connected in series with the amplifier and the output terminal of the operational amplifier is coupled to a signal load referenced to ground without any DC isolation capacitors connected in series with the amplifier.

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2. Canceled.

3. (Once Amended) The voltage level translator of claim 1 wherein the signal load is a loudspeaker having one terminal referenced to ground.

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4. (Unchanged) The voltage level translator of claim 1 wherein the amplifier includes a plurality of amplifiers on the same integrated circuit chip having a common substrate, and all of the plurality of amplifiers are also voltage level translated, the substrate being biased the same amount with respect to each of the plurality of amplifiers.

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5. (Unchanged) The voltage level translator of claim 1 wherein the split level power supply having a center tapped ground also provides power to other circuits performing other functions.

5 6. (Once Amended) A voltage level translator for operating an operational amplifier integrated circuit designed for operation with a single ended power supply, to operate with a split level power supply having a center tapped ground, comprising:

first means for connecting a first polarity power supply terminal of the
10 operational amplifier integrated circuit to a first polarity of the power supply,
second means for connecting a second polarity power supply terminal of the operational amplifier integrated circuit to a second polarity of the split level power supply, and

means for connecting a signal input terminal of the operational amplifier to a
15 center tapped ground of the split level power supply.

wherein the split level power supply having a center tapped ground also provides power to other circuits performing other functions and:

wherein the amplifier includes an output load comprising an earphone and the other circuits performing other functions is a DVD player. 1.

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7. (Unchanged) The voltage level translator of claim 1 wherein the amplifier has an AC reference which is connected to the DC voltage ground.

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